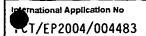
INTERNATIONAL SEARCH REPORT



A. CLASSI IPC 7	FICATION OF SUBJECT MATTER G01N30/78								
According to International Patent Classification (IPC) or to both national classification and IPC									
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IPC 7	ocumentation searched (classification system followed by classification GO1N	on symbols)							
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-In	ternal, PAJ								
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rel	levant passages	Relevant to claim No.						
·									
Y	US 5 811 059 A (SNYDER A PETER E 22 September 1998 (1998-09-22) column 2, lines 42-51 column 3, lines 35-48	ET AL)	1-5						
	column 4, lines 55-63								
	column 5, lines 28-49; figures 1	, 4							
Y	DE 101 05 728 A (SIEMENS AG) 5 September 2002 (2002-09-05) paragraph '0023!; figure 3		1–5						
A	US 3 405 549 A (FINLEY CHARLES M) 15 October 1968 (1968-10-15) column 2, lines 44-62 column 3, lines 3-65)	1						
		-/							
		-/							
	·								
X Furti	ner documents are listed in the continuation of box C.	X Patent family members are listed in	n annex.						
Special ca	tegories of cited documents :	*T* later document published after the inte	rnational filing date						
consid	ent defining the general state of the art which is not lered to be of particular relevance document but published on or after the international	or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the ci	pory underlying the						
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	ent published prior to the international filling date but an the priority date claimed	In the art. & document member of the same patent family							
Date of the	actual completion of the international search	Date of mailing of the international sear	ch report						
9	July 2004	30/07/2004							
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European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Zinngrebe, U							

INTERNATIONAL SEARCH REPORT

T/EP2004/004483

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	Ition) DOCUMENTS CONSIDERED TO BE RELEVANT		r		
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.		
A	US 4 123 236 A (HIRSCHFELD T ET AL) 31 October 1978 (1978-10-31) abstract column 7, line 60 figure 1		1		
	·				
	·				

INTERNATIONAL SEARCH REPORT

T/EP2004/004483

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5811059	A	22-09-1998	NONE			
DE 10105728	Α	05-09-2002	DE WO	10105728 02063290		05-09-2002 15-08-2002
			WO EP	1358477		05-11-2003
			US	2004099046	A1	27-05-2004
US 3405549	Α	15-10-1968	NONE			
US 4123236	A	31-10-1978	AU	506280	B2	20-12-1979
			AU	1154276	Α	08-09-1977
	•		CA	1084732	A1	02-09-1980
			DE	2607831	A1	03-02-1977
	-		GB	1545632	Α	10-05-1979
			IT	1053999	В	10-10-1981
			JP	51142394	Α	07-12-1976
•			NL	7602128	Α	31-08-1976